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SHARP 21QF2-U OPERATION MANUAL

Quick Links

Operation Manual

Table of Contents

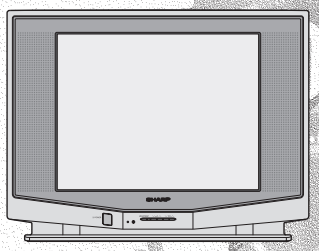
operation manual
remote control
channel setting
channel selection
adjusting volume
picture adjustment
off timer
child lock
blue screen
useful features
troubleshooting
check list
Other ManualsLib Projects

SHARP

COLOUR TELEVISION

21QF2-U

OPERATION MANUAL



Please read this operation manual carefully before using the colour television.

ENGLISH (На звороті) УКРАЇНСЬКА

Contents

E1 [SAFETY PRECAUTIONS]

E2 [ACCESSORIES]

E3 [ANTENNA CONNECTION]
- Connecting to an antenna
- Connecting to an antenna via a VCR

E4 [CONNECTING OTHER EQUIPMENTS]

E5 [PART NAMES]
- TV set
- Remote control
- Installing batteries in the remote control unit

E6 [BASIC OPERATION]
- Turn on the power
- On-screen display language selection
- Channel selection
- Adjusting volume

E7 [SETTING AND ADJUSTMENT]
- Channel setting
- Picture adjustment

E8 [FEATURES]
- Off timer
- Child lock
- Blue screen

E9 [USEFUL FEATURES]
- Channel/Timer display
- Mute
- Channel recall
- TV/Video selection

E10 [TROUBLESHOOTING]

E11 [SPECIFICATIONS]

TINS-D558WJZZ
08P01-MSF

E1 SAFETY PRECAUTIONS

Damage
Turn off the power and unplug the power cord from the wall outlet immediately if the TV set begins to make any unusual noises or gives off smoke or an unusual smell. Then call your dealer for service.

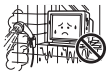
Servicing
To reduce the risk of electric shock, do not remove the back of the cabinet. This TV set contains dangerous voltage.

Unstable surface and shocks
Do not place this TV set on an unstable cart, stand, shelf, or table. The TV set may fall, causing serious injury to a child or adult, and serious damage to the set. Sharp recommends securing the TV set to a stable surface or wall to prevent the set from falling due to sudden shocks or impact.

Power-cord protection
To prevent electrical shock, do not subject the AC power cord to damage by bending or twisting it, or by placing heavy items on top of it and do not place the AC power cord under the TV set. If the AC power cord becomes damaged, unplug it from the wall outlet immediately and call your dealer for service.

Moisture
To prevent electrical shock, do not use the TV set in an excessively damp place.

Water
To prevent fire or electrical shock, do not place the TV set near a bathroom, swimming pool or other area where it may become wet.



Liquid entry
Do not place a flower vase or anything else containing liquid on the TV set, as liquid spilt on the TV set can cause electrical shock or failure.

Object entry
Never insert or drop any metallic or inflammable objects into the ventilation openings of the TV set, as this can cause fire, electrical shock, or electrical failure.

TV Set position
Do place the TV set onto an even stand, table or rack which size is bigger than the TV set.
If the TV set is put onto a smaller size or uneven stand, table or rack may cause the TV cabinet distort.
Do not put or insert anything between TV set and the stand, table or rack.

Uneven surface and excessive force
Television equipment and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn.

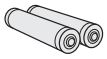
Ventilation
Do not place this TV set in a confined area, such as on a bookshelf or in a built-in case.
Leave adequate space behind the TV for proper ventilation.

Fire prevention
To prevent fire, never place any type of candle or naked flames on the top or near the TV set.

E2 ACCESSORIES

The following accessories are included with this television.

Remote Control



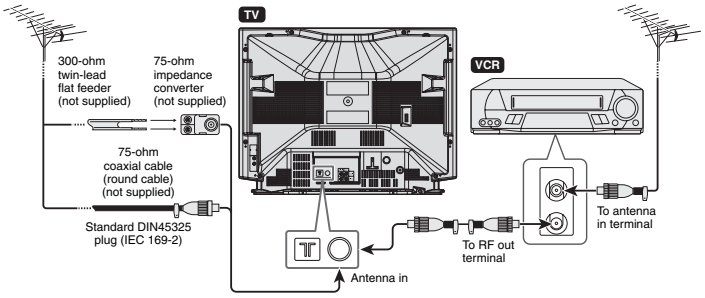
Size-AA batteries

Operation manual

E3 ANTENNA CONNECTION

Connecting to an antenna

Connecting to an antenna via a VCR



If your outdoor antenna uses a 75-ohm coaxial cable with a standard DIN45325 plug (IEC 169-2), plug it into the antenna jack at the rear of the set.

If your outdoor antenna uses a 300-ohm twin-lead flat feeder, connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set.

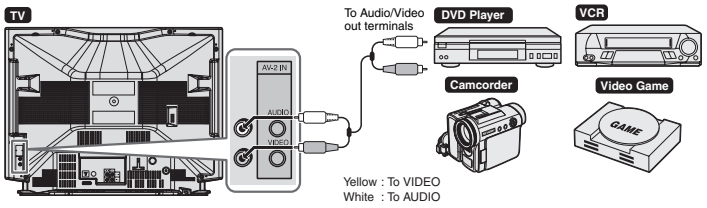
NOTE

- When using the RF terminal connection, set the TV to channel zero to make initial adjustments for the VCR.

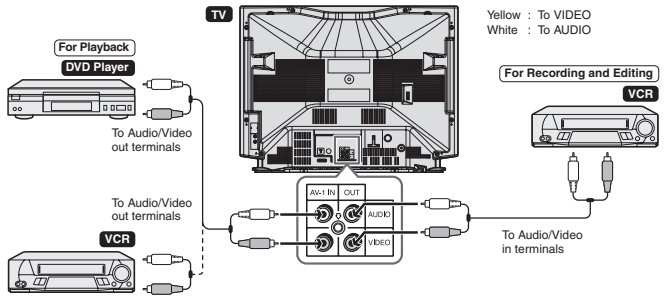
E4 CONNECTING OTHER EQUIPMENTS

Enjoy playback from a video disc player, VCR or other video equipment by connecting them to this TV set using the Audio/Video in terminals.

Example of side terminals usage



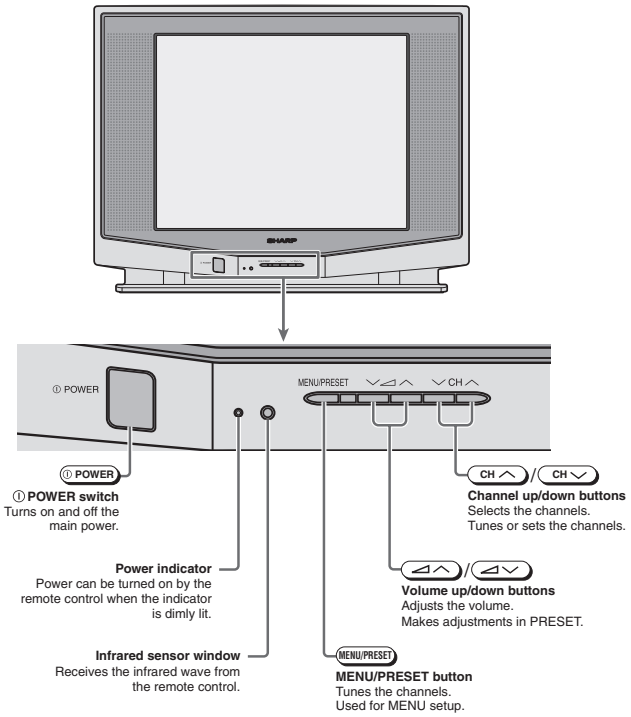
Example of rear terminals usage



NOTE

- The audiovisual cords required to connect the TV set with video equipment may differ from those shown in the above diagram. See the operation manual of your video equipment for connection details.
- The above recording and editing connections are intended solely for personal use and not for the illegal copying of audiovisual material protected by copyright laws.

TV set



POWER switch
Turns on and off the main power.

Power indicator
Power can be turned on by the remote control when the indicator is dimly lit.

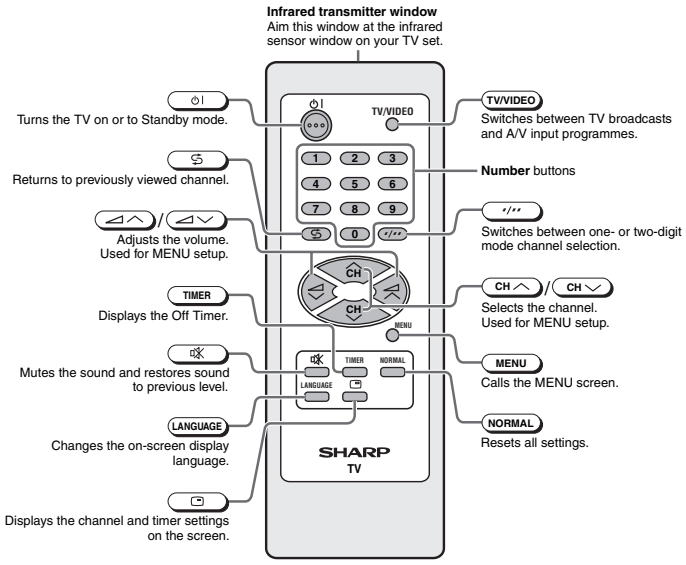
Infrared sensor window
Receives the infrared wave from the remote control.

MENU/PRESET button
Tunes the channels.
Used for MENU setup.

Channel up/down buttons
Selects the channels.
Tunes or sets the channels.

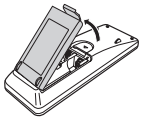
Volume up/down buttons
Adjusts the volume.
Makes adjustments in PRESET.

Remote control

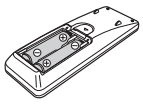

Infrared transmitter window
Aim this window at the infrared sensor window on your TV set.
Turns the TV on or to Standby mode.
Returns to previously viewed channel.
Adjusts the volume.
Used for MENU setup.
TIMER
Displays the Off Timer.
Mutes the sound and restores sound to previous level.
LANGUAGE
Changes the on-screen display language.
Displays the channel and timer settings on the screen.
TV/VIDEO
Switches between TV broadcasts and A/V input programmes.
Number buttons
Switches between one- or two-digit mode channel selection.
CH / CH
Selects the channel.
Used for MENU setup.
MENU
Calls the MENU screen.
NORMAL
Resets all settings.
SHARP
TV

Installing batteries in the remote control unit

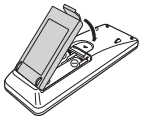
a With your thumbnail, pull up at the slit to open the battery cover.



b Insert two batteries (size AA).

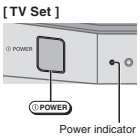


c Replace the battery cover.



Turn on the power

[TV Set]



- When the power indicator is off, press (POWER).
- When the power indicator lights up dimly, press (⏻I) on the remote control. The power indicator changes to bright and a picture appears.

On-screen display language selection

Remote Control

- Press (LANGUAGE) to select desired language.
- Pressing (LANGUAGE) changes the language as shown below.

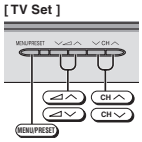
ENGLISH → FRANÇAIS → РУССКИЙ → العربية

TV set

- Press (MENU/PRESET) for more than two seconds, the LANGUAGE menu appears.
- Press (CH ∧) / (CH ∨) to select desired language.

ENGLISH ↔ FRANÇAIS ↔ РУССКИЙ ↔ العربية

[TV Set]

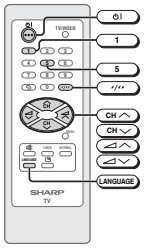


- Press (◿∧) / (◿∨) to set the language.
- Press (MENU/PRESET) until normal screen appears.

MENU screen

- Press (MENU) to call MENU screen.
- Press (◿∧) / (◿∨) to select LANGUAGE icon.
- Press (CH ∧) / (CH ∨) to enter LANGUAGE menu.
- Press (CH ∧) / (CH ∨) to select desired language.

ENGLISH ↔ FRANÇAIS ↔ РУССКИЙ ↔ العربية



- Press (◿∧) / (◿∨) to set the language.
- Press (MENU) until normal screen appears.

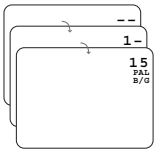
Channel selection

❶ Using (CH ∧) / (CH ∨)

- Press (CH ∧) and channels change as shown below.
  1 → 2 → ... → 98 → 99 → AV1 → AV2 → 0 → 1 → 2 ...
- Press (CH ∨) and channels change as shown below.
  1 → 0 → AV2 → AV1 → 99 → 98 → ... → 2 → 1 → 0 ...

❷ With the number buttons (on remote control)

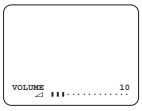
- To select a one-digit channel, such as 5, press (5). If "5-" is indicated, press (-/--) to select one-digit input, and then press (5) again.
- To select a two-digit channel, such as 15, press (-/--) to select the two-digit input. Press (1), and then press (5).



Adjusting volume

❶ Adjust volume using (◿∧) / (◿∨).

- The volume bar disappears approximately three seconds after the volume has been adjusted.

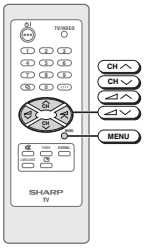


NOTE

- When the power indicator lights up dimly, either (CH ∧) / (CH ∨) on the TV can be pressed to turn on the power.
- Channels that have been skipped cannot be selected by (CH ∧) / (CH ∨).
- The AV1, AV2 input channel cannot be selected using (CH ∧) / (CH ∨) on the remote control. Use (TV/VIDEO) to select this channel.

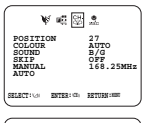
Channel setting

Enables individual channel setting.



❶ Press (MENU) to call MENU screen.

❷ Press (◿∧) / (◿∨) to select CH-SETTING icon.

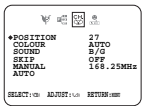


NOTE

- If you press (MENU/PRESET) on TV set for more than two seconds during normal screen, the LANGUAGE menu will appear.
- Press (MENU/PRESET) again to display CH-SETTING menu.
- Press (MENU/PRESET) until normal screen appears.

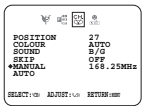
❸ Press (CH ∧) / (CH ∨) to enter CH-SETTING menu.

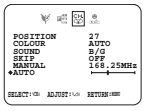
❹ Press (CH ∧) / (CH ∨) to select desired setting.

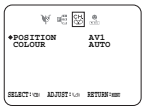


❺ Each time you press (◿∧) / (◿∨), setting for individual items change as follows:

- **POSITION**
  The channel position changes to the higher or lower number.
- **COLOUR**
  AUTO ⟷ PAL ⟷ SECAM ⟷ NTSC4.43 ⟷ NTSC3.58
- **SOUND**
  B/G ⟷ I ⟷ D/K
- **SKIP**
  ON ⟷ OFF
  Channel numbers with a "■" mark on the left are set to SKIP. To turn off SKIP, press the number buttons to select the desired channel and then set "SKIP" to "OFF".
- **MANUAL (FINE tuning)**
  i) Each time (◿∧) / (◿∨) is pressed, the frequency changes to allow fine tuning and the colour of channel number changes to yellow to indicate fine tuning.
  ii) Press (◿∧) / (◿∨) for more than 2 seconds, the "Manual Channel Tuning" will start. If a signal is found, the Manual Channel Tuning will stop searching.
- **AUTO**
  Press (◿∧) / (◿∨) and Auto Channel Tuning is started. Auto tuning bar will shown during Auto Search only.







❻ Press (MENU) until normal screen appears.

- When you select AV1, AV2 for the channel position, the CH-SETTING menu changes as shown on the right and the colour mode changes in the following order:

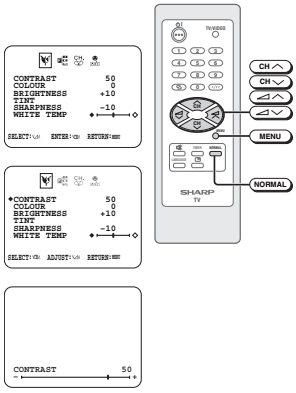
AUTO ⟷ PAL ⟷ SECAM ⟷ NTSC4.43 ⟷ NTSC3.58

NOTE

- Switching COLOUR system:
  Set the system to "AUTO" for normal TV reception. The AUTO mode automatically detects the receiving signal system and changes the reception system of the TV set. When the picture is not stable, switching to an appropriate system may improve the picture quality.
- Switching SOUND system:
  When the sound is not stable, switching to an appropriate system may improve the sound quality.

E7 SETTING AND ADJUSTMENT (Continued)

Picture adjustment



1. **Press (MENU) to call MENU screen.**
2. **Press (▲) / (▼) to select PICTURE icon.**
3. **Press (CH ∧) / (CH ∨) to enter PICTURE menu.**
4. **Press (CH ∧) / (CH ∨) to select adjustment items.**
5. **Adjust using (▲) / (▼) .**
   - Wait for approximately three seconds to return to PICTURE menu.
6. **Repeat steps 4 and 5 above to adjust other items.**
7. **Press (MENU) until normal screen appears.**

The following table lists the adjustment items shown in the PICTURE menu and how they change as you press (▼) / (▲).

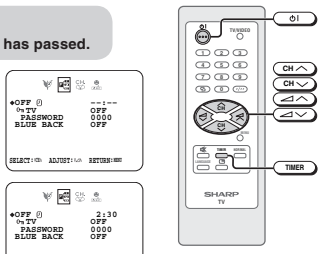
Selected item	Press (▼)		Press (▲)
CONTRAST	To decrease contrast		To increase contrast
COLOUR	For less colour intensity		For more colour intensity
BRIGHTNESS	For less brightness		For more brightness
TINT*	To move tint toward red		To move tint toward green
SHARPNESS	For less sharpness		For more sharpness
WHITE TEMP	To more reddish background		To more bluish background

*: TINT can only be selected and adjusted when receiving NTSC broadcasts.
- WHITE TEMP can only be adjusted on PICTURE menu.

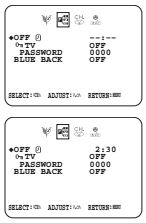
NOTE
- Pressing (NORMAL) while a PICTURE selection is displayed, only the selected mode is reset to the standard (factory-setting) position.
- Pressing (NORMAL) while a PICTURE menu screen is displayed will reset all the item of PICTURE menu to the standard (factory-setting) position.

E8 FEATURES

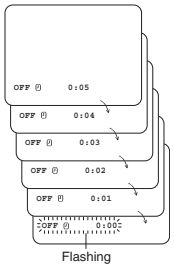
Off timer
Automatically turns power off after a set length of time has passed.



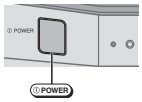
1. **Press (TIMER) to call "OFF ⏲".**
2. **Press (▲) / (▼) to set time for TV to turn off.**
   - Maximum time that can be preset is 12 hours and 50 minutes. Timer start to count down after setting.



3. **Press (TIMER) until normal screen appears.**
   - Five minutes before the preset length of time expires, the remaining time appears on the screen.
   - A flashing display of the remaining time appears during the last few seconds. When the preset length of time has passed, the TV set enters the Standby mode.

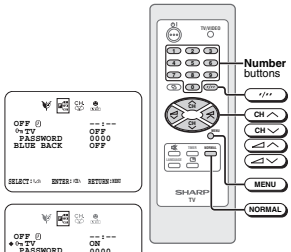


[TV Set]



NOTE
- The Off timer is cancelled if the power is turned off or set to the Standby mode using (⏻) on the remote control or (POWER) on the TV set, or if the power is otherwise interrupted.

Child lock
Preventing children from watching TV.



Setting the CHILD LOCK mode (For the first time)

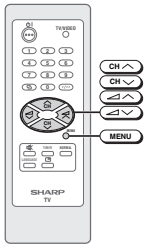
1. **Press MENU to call MENU screen.**
2. **Press ◿ / ◿ to select FEATURE icon.**
3. **Press CH / CH to enter FEATURE menu.**
4. **Press CH / CH to select "🔒TV".**
5. **Press ◿ / ◿ to select "🔒TV" to "ON" or "OFF".**
   - ON: 🔒TV will lock the entire TV for viewing.
   - OFF: 🔒TV deactivated.
6. **Press CH / CH to select "PASSWORD".**
   - Enter 4 digits PASSWORD using **Number** buttons (0~9) on the remote control. (For example: 0000)
   - Press NORMAL to reset the entered number to "0000".
7. **Press MENU until normal screen appears.**
   - The CHILD LOCK mode will be activated after the TV is turned off and on again.

To turn OFF or to change setting of CHILD LOCK mode

1. **While "🔒TV ON" screen appear.**
2. **Enter 4 digits PASSWORD using Number buttons (0~9) on the remote control.**
   (For example: 0000)
   - Press ·/··· to clear the entered number.
   - If the wrong PASSWORD is entered, input the PASSWORD again in this case.

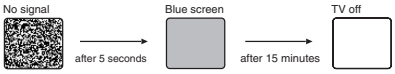
NOTE
- If you forget your PASSWORD, please input "2398" to enter, then change to new PASSWORD.

Blue screen
Automatically turns the screen blue if a broadcast signal is not received.

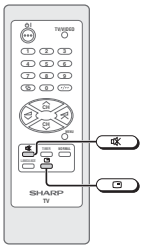


1. **Repeat step 1 to 3 of CHILD LOCK.**
2. **Press CH / CH to select "BLUE BACK".**
3. **Press ◿ / ◿ to select "ON" or "OFF".**
4. **Press MENU until normal screen appears.**

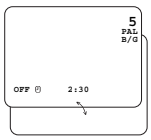
When BLUE BACK is set to "ON".



Channel / Timer display
Displays the current channel number, the timer, and other settings on the screen.

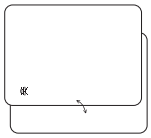


1. **Press ▭.**
   - The time remaining on the Off timer, channel number, colour and sound system appears on the screen.
   - When no timer is set, the channel number, colour and sound system appear on the screen.
2. **Press ▭ once again. The display disappears.**



Mute
Silences the sound.

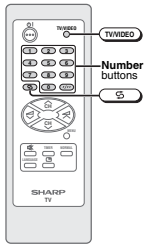
1. **Press 🔇.**
   - Press 🔇, "🔇" appears on the screen, and the sound is silenced.
2. **Press 🔇, the volume returns to its previous level.**
   - Mute will be cancelled if the ◿ is pressed at any time.



NOTE
- Poor reception due to weak signals and too much noise may activate BLUE BACK, despite the presence of a broadcast signal. To continue watching TV under these conditions, switch "BLUE BACK" to "OFF".
- When Off timer is set, the OFF TIMER setting has priority over BLUE BACK.

Channel recall

Switches back to the channel you were watching just before the current channel.

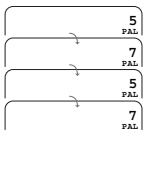


Press ( ).

• The channel previously viewed returns to the screen.

Example:

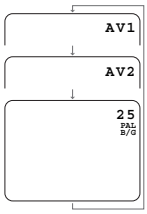
After switching from channel 5 to channel 7, ( ) is pressed, the channel will change to channel 5. Press ( ) again to return to channel 7.



TV / Video selection

Switches between TV broadcasts and AV input programmes.

• Each time you press the (TV/VIDEO), the input switches between AV1, AV2 and TV programme.



The following problems do not always indicate a hardware failure. Therefore, please use the troubleshooting guide below before calling for repair service.
If, after following the guide none of the remedies work, unplug the TV set and call for service.

Quick Service Check List / Problems	Remote control does not work.	Bars on screen.	Picture distorted.	Picture rolls vertically.	No colour.	Poor reception on some channels.	Picture weak.	Picture lines or streaks.	Picture ghosting.	Picture blurred.	Sound OK, picture poor.	Picture OK, sound poor.	No picture or sound.
Possible Causes/Remedies													
Try a new channel to check for possible station trouble.			●	●	●	●	●	●	●	●	●	●	●
TV not plugged in. Outlet power OFF.	●												●
⏻ **POWER** switch of TV not ON.	●												●
Antenna not connected to terminal at the back of the TV set.					●	●	●		●		●		●
If outside antenna is used, check for broken wires.		●	●	●	●	●	●	●	●	●	●		●
Check for local interference.		●		●		●		●	●		●	●	
Turn OFF using the ⏻ **POWER** switch, then turn ON again after a minute.	●												●
Adjust COLOUR control.					●		●				●		
Check batteries in the remote control.	●												
Try fine tuning to correct.			●		●		●			●	●		
Contrast setting in picture mode might be all the way to the minus side. Press the **NORMAL** button on the remote control to correct.											●		●
Increase the volume.												●	●

This unit is equipped with a microprocessor. Its performance could be adversely affected by external electrical noise or interference. If this should happen, unplug the unit and plug it in again after a few minutes.

E11 SPECIFICATIONS

MODEL		21QF2-U
Receiving System		World multi 18 system
TV Broadcasts/ VCR Playback		PAL-I PAL-B/G PAL-D/K SECAM-B/G SECAM D/K, K1
VCR Playback		NTSC 4.43/5.5 MHz/60 Hz NTSC 4.43/6.0 MHz/60 Hz NTSC 4.43/6.5 MHz/60 Hz NTSC 4.43/5.5 MHz/50 Hz NTSC 4.43/6.0 MHz/50 Hz NTSC 4.43/6.5 MHz/50 Hz SECAM-I (6.0 MHz)
VCR Playback (Using Video-in terminals)		SECAM-L (French SECAM)
Laserdisc Player Playback (Using RF-in terminals)		PAL 5.5 MHz/60 Hz PAL 6.0 MHz/60 Hz PAL 6.5 MHz/60 Hz
Reception Channels		
PAL-B/G SECAM-B/G	VHF	E2–E12 ch
	UHF	E21–E69 ch
PAL-D/K SECAM-D/K, K1	VHF	C1–C12 ch, R1–R12 ch
	UHF	C13–C57 ch, R21–R69 ch
PAL-I	VHF	B–J ch
	UHF	21–69 ch (Hong Kong)
CATV		S1–S20 ch, S21–S41 ch (Hyper)
Receiving Frequency		48.25 MHz – 863.25 MHz
Channel Tuning		100-Channel Electronic Tuner with Full Auto Tuning System
Picture Tube		21-Inch Flat CRT
Terminals		Audio/Video input × 2 (side x 1, rear x 1), Audio/Video output × 1 (rear)
Sound Output		2.5 W (RMS) × 2, total 5 W (RMS)
Power Source		AC 110 – 240V, 50/60 Hz
Power Consumption		83 W
Dimensions		625 (W) × 470 (H) × 498.2 (D) mm
Weight		22 kg (Approx.)

NOTE

- Design and specifications are subject to change without notice.
- Receiving system: These receiving systems, encompassing all currently available technology, include those with planned broadcast, videotape and laserdisc hardware and software.

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